Cairo Governorate

Nozha Language Schools

Question (1)		
Complete the following	g statemonts :	
1 and	are considered as forms o	f energy.
	consists of two at	oms, while the ammonia molecule atoms.
8. Limbs are modified i		, while into paddles in whales and
★. The attraction force a molecules of water.	mong the molecules of copp	per is than that between
3. Scorpion has	pairs of legs, while ants h	ave pairs of legs.
6. The heat transfers by	convection through	and materials
Cross the odd word ou	t:	
1. Aluminium Sulphur	1/ Copper / Iron.	
2. Jellyfish Armadillo	/ Earthworm Octupus	
3. Helium Oxygen N	eon∦ Argon.	
Question 2		
Choose the correct ans	wer:	
1. The atom is electrica	ll y	
a. positive.	b. neutral.	c. negative.
2 are from an	imals that have an external	support.
a. Mammals	b. Snails	c. Birds
3. The produced energy	by burning the fuel is	energy.
a, potential	b. nuclear	c. heat
♣ The volume of a mix 500 cm ³ .	ture of 300 cm ³ of water and	i 200 cm ³ of ethyl alcohol is
a. less than	b, more than	c. equals
3. Secretion of poison i	n the snakes is a ac	daptation.
a. structural	b. functional	c. behavioral



هذا العمل حصرى على موقع ذاكرولى التعليمي ويسمح بمشاركته فقط ولا يسمح بتداوله على أي مواقع أخرى للمزيد من أعمالنا الحصرية تفضل بزيارة موقعنا الالكتروني من هنا https://www.zakrooly.com

	www.zakrooly.com	Science	والمجسل الكوال المحمد الكوال						
0	6. The number of electrons	that saturates an energy level (1	n) = ······						
	a. n ²	b. 2n	c. 2n ²						
O _k	7. The electric cell is comp	osed of solution with	two different metals dipped in.						
50	a. a salt	b. an alkali	c. an acid						
· (B Put (✓) or (🗴) :								
10	1. As we go further from th	e nucleus, the energy of the ene	ergy level decreases. ()						
2 9	2. The heat transfers from the lower temperature object to the higher temperature object. ()								
A =	3. Mercury is a liquid elem-	ent that its molecule composed	of one atom. ()						
IN	4. Chemical pesticides and	car exhaust are from the harms	of technology applications. ()						
U	Scolopendra and euglena	are from myriapods.	()						
	Write the importance of e	ach of the following :							
is)	1. Gold-copper alloy	2. Car dynar	no.						
12	Question 3		** **						
	Correct the underlined wo	ords:							
	1. The symbol of copper is	Ca while F is the symbol of ph	osphorous.						
90	2. Frogs undergo aestivation in winter to overcome the decreasing of temperature.								
	3. Boiling point is the temperature at which matter changes from solid into liquid state.								
V.	4. Friction changes the pot	ential energy into electric energ	gy.						
111	5. Wood is a good conduct	or of heat and electricity.							
1	6. The mechanical energy is	s the sum of heat energy and lig	ght energy.						
V	7. The density equals mass	divided <u>area</u> .							
	B Give reasons for :								
, ()	1. Camel's legs end in a bro	oad pad and thick skin.							
0/	2. Argon atom (18Ar) doesn	't enter a chemical reaction thro	ough the ordinary conditions.						
7	Calculate the potential en	ergy of an object of weight 50	newtons that placed at						
	height 5 metres.		1.65						
	Ovestion 4								
0	Write the scientific term :		S#3						
7	A STATE OF THE PROPERTY OF THE	unit of matter which can share i	n chemical reaction.						
D	ه على أي مواقع أخرى مواقع أخرى مواقع أخرى https://www.za	مى ويسمح بمشاركته فقط ولا يسمح بتداوا موقعنا الالكتروني من هنا krooly.com	هذا العمل حصري على موقع ذاكرولي التعليد للمزيد من أعمالنا الحصرية تفضل بزيارة ه						

موقع والكري التعليمي

كتاب المعاصر

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الصف الاول الاعدادي

www.zakrooly.com Science التحسل التصويسي الكول

- It is a modification in the living organism body structure, function or behavior to be adapted with its environmental conditions.
- 8. It is a permanent resource of energy.
- 4. An amount of energy that gained or lost to transfer an electron from one energy level to another.
- The way of transferring the heat through solids.
- The figure represents the electronic configuration of the atom of an elements Determine:
 - The atomic number.
 - . The mass number.
 - 3. The number of energy levels.
 - 4. The number of electron in the last energy level.
- Match from column (B) what is suitable for column (A):

^ (A)	, (B)
1. Chameleon	a. reproduce by formation of spores.
2. Voughair	b. colours itself with the dominant colours of
3. The jerboa	surrounding environment to capture the prey.
4. Drosera	c. from the insectivorous plants.
5. Rat	d. undergoes aestivation in summer to escape from high temperature.
#=== // \\	e. is an example of rodents.

Cairo Governorate

Lycee Bab El Louk

Answer the following questions:

Juestion

- Complete the following statements:
 - 1. The matter in state has a definite shape and definite volume.
 - 2. Technology has negative effects like
 - 3. An alloy of is used in making jewels.
 - . In the simple electric cell, energy is converted into energy.



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	www.zakrooly.com	Science	التحصل الكولاسي الكول						
0	The pendulum can conve	rt potential energy into	energy.						
	. Activity of bats during ni	ght is considered ada	aptatiòn.						
W	(B) Identify:								
50	1. Species. 2. M	Melting point.							
0	Question 2								
LP	Correct the underlined wo	ude :							
200	If the density of a matter is 2 g/cm ³ and its volume is 50 cm ³ , the mass equals: 25 g.								
<u> </u>	. Heat is transferred through	20 to \$70 M	5 cm , the mass equals, <u>20</u> g.						
h	ALL S	ted of one oxygen atom and tw	o nitrogen atoms.						
NIII		ent consisted of one atom is th							
	5. Intercellular spaces amor	ng molecules of solid state are	medjum.						
P	6. From plants reproduce by	y formation of spores palms p	lant.						
+2	B Give reasons for :								
	1. Piece of iron sinks in war	ter.							
	Camel's legs has flat pad								
9,	Ouestion 3								
1	Choose the correct answer	r to complete the following s	tatements :						
C.	X. Rat has								
ILI	wa. two pairs of incisors in	each jaw. b. one	e pair of incisors in each jaw.						
1	three pairs of incisors		correct answer.						
D	2. The Sun is								
>	a resource of permanent	energy. b. res	ource of non-permanent energy.						
: 💡	e. not an energy resource	d. (a)	and (c).						
0/	. In the radio cassette inside	مكن "م:							
X	965	erted into mechanical energy.							
50	b. light energy is convert	574							
	c. electric energy is conv								
76	d. electric energy is conv 4. Atom symbol of potassiu								
1	18 Sept. 12 - 12 - 12 - 12 - 12 - 12 - 12 - 12	b. Cu c. P	d. K						
A =		Control of the Contro							
D	له على اي مواقع اخرى والمحادث	ى ويسمح بمشاركته فقط ولا يسمح بتداو مقمدًا الإلمام مناسمة مناسمه بعامهم،	هذا العمل حصري على موقع ذاكرولي التعليه						
1111			للمزيد من أعمالنا الحصرية تفضل بزيارة م						

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9	5. Some substances need l	heat to get soften s	uch as			
	a. coal.	b. iron.	c. sulph	ur.	d. rubber.	
Oy.	Secreting sweat by skin	is considered	adaptation	a.		
50	a. structural	b. functional	c. behav	/ioral	d. no correct answe	r
0	Write the electronic conf	iguration of the fo	ollowing atoms			
LP	1. ₁₁ Na	2. ₁₀ Ne				
26	Question - 3					
6	Calculate the potential e	nergy of an object	its mass is 4 k	g. is pla	aced at 5 m. height	
	(consider $g = 10 \text{ m/s}^2$).					
mu	Mention only one differe	nce between				
166	1. Element and compound	2. House fly	and seomion.	3_F	Electron and proton.	
12	What happens in each of	the following cas	es ?			
10	When the energy of the	electron is more th	nan the energy le	evel in	which the electron	
	rotates.		4			
~	The freezer is found at a			ualea		
9	A Triction between the Ita	unes of bicycle's w	neer with the or	ake.		
	Cairo Govern	rate Nu	D D	A .		W.
×	Call O GOVETT	1 GIGE 1/OÚ	e Dame Des	Apotre	s School Shoubra	
W	Answer the following question	ons:		N. Y		
n	Question (1)					
7	Complete the following s	entences :	×		<i>17</i>	
	1. The hydrogen molecule		, while the ar	gon mo	lecule consists	
	of					
0	2. The density is the	of unit volume	of substance ar	nd its m	neasuring unit	
= 0	is 3 and	are used in classifi	ring plants			
٥ (4. When the speed of the p	ti and the same		enero	v is maximum and	
IP	energy is mini		6	011018	,,	
8	Simple electric cell char	nges ener	gy into	energ	y.	
À :	6. The cockroach is from .	but scorp	ion is from			() ()
D	على أي مواقع أخرى مواقع أخرى https://www.	ه فقط ولا يسمح بتداوله. من هنا zakrooly.com	يمى ويسمح بمشاركة ممقعنا الالكتروني	عرولى التعل ضل بذيارة	العمل حصرى على موقع ذاك يد من أعمالنا الحصرية تف	هذا
111	كتاب المعامب	Calledona)	CARON CONTRACTOR	1631	لصف الامل الاعد	10

B Calculate:

- 1. The potential energy of an object whose mass is 10 kg, and placed at 5 m, height from the ground (Considering gravity acceleration 10 m/s²).
- 2. Kinetic energy of an object whose mass is 1 kg. and moving at speed of 5 m/s.
- 3. The mass of piece of sulphur whose volume is 10 cm³ and its density is 2.1 gm/cm³.

Delication Look at the opposite figure, then answer:

1. Find number of protons.

2. Find the mass number.

3. Find the atomic number.

4. Find this element activity.

Question

Give reasons for each of the following :

- 1. Wood piece floats on water surface, while a piece of lead sinks in it.
- 2. Equal volumes of different substances have different masses.
- 3. Camel's legs end with broad pad.
- 4. Some plants catch and feed on insects.
- 5. The freezer is found at the top of fridge.
- 6. The volume of a mixture of water with alcohol is less than sum of their volumes before being mixed together.

Mention one example for :

- 1. Solid substance has low melting point.
- 2. Insectivorous plants.
- Unicellular organism.
- 4. Alloy used in making heating coils.

Write the symbols of the following element:

- Mercury.
- 2. Sodium.
- 3. Lead.
- 4. Zinc.

Write electronic configuration for:

1. ₁₉K

2. _oF

- 3. ₁₃Al
- 4. 10Ne

Question

Write the scientific term for:

- 1. The sum of potential and kinetic energies of a body.
- 2. The temperature at which matter begins to change from solid to liquid.



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الصف الأول الأعدادي مركم الكراج الكراجي

Question

- Write the scientific term:
 - 1. The basic classification unit for living organisms.
 - The simplest pure form of a matter that can't be analyzed into simpler form.



هذا العمل حصرى على موقع ذاكرولي التعليمي ويسمح بمشاركته فقط ولا يسمح بتداوله على أي مواقع أخرى https://www.zakrooly.com للمزيد من أعمالنا الحصرية تفضل بزيارة موقعنا الالكتروني من هنا

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	3. The ability to do work	or to	make a change.					
	4. Energy is neither created nor destroyed, but it is converted from one form to another.							
	The ability of some living organisms to be hidden from their enemies.							
(Compare between:							
	1. Arachnids and insects. (according to the number of legs).							
	2. Solids - Liquids and g	gases	. (according to inte	ermolecular s	space ar	nd intermolecular force).		
(Calculate the density of 100 cm ³ of water the le				piece v	was immersed in		
通知	Question 3		18	Se.				
(Choose the correct ans	wer:						
	1. Mammal animal that	has o	ne pair of incisors	in each jaw		••••		
	a. squirrel.	b. r	abbit.	c. lion.		d. no correct answer.		
	2. The nucleus of	a	tom doesn't contain	in neutrons.				
	a. neon	b.h	ydrogen	c. oxygen		d. no correct answer		
	3. The atomic number o	f an a	atom of an elemen	t, its (M) en	ergy lev	el contains 2 electrons		
	18	h 1		c. 12		d. 14		
	a. 8 4. Heat transfers by	b. 1				u. 14		
	a. conduction		convection	c. radiation	n	d. no correct answer		
	5. The density of 12 gm							
	a. more than			c. less than				
4	B Write the electronic co	nfiau	ration for the fol	lowina :				
	1. 39 _K	2. 35		3. ⁴⁰ Ar		4. ⁷ Li		
	A force of 20 newton a of force. Calculate the	cts o	n a body to move	••	ce 1.5 n	n. in the same direction		
40000	Question 4							
	OGive an example for:		\$ C					
	1. An inert gas.	2	. Insectivorous pl	ant.	3.1	Monocotyledon plant.		
	B Mention the name of t	he de	evice which used	to change :				
	1. Chemical energy to e	lectri	ic energy.					
	2. Electric energy to kir	etic (energy.					
						هذا العمل حصري على موقع ذاكر للمزيد من أعمالنا الحصرية تفض		

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9	(C) If you have two elements	$\binom{14}{7}$ N - $\binom{24}{12}$ Mg) answer the follo	wing :						
	1. Write the name of each	one.							
W	2. The atomic number of each one.								
50		(1) (1) (1) (1) (1) (1) (1) (1) (1) (1)							
0	5 Cairo Govern	orate Degla Va	Illey Language School						
LP	Answer the following question	ons:							
1 6	Question (1)		~						
& =	Complete the following se	entences :							
D	The wind and the second	charge, while the proton has	charge.						
m		olids by, while heat t	\ _ 3						
18	by								
12+	3. The dynamo converts th	e energy into	··· energy.						
3	4. From the examples of di	cotyledon plants are	and						
4		es and dolphins are modified in	nto, while the front						
	limbs of bats are modifie	ed into							
9	B What is meant by ?								
1	1. The melting point.	2. The law of conse	rvation of energy.						
C*	Question 2								
111	Choose the correct answer		NYAN.						
*	1 is from the ani	mals that make hibernation in	winter.						
V	a. Desert snail	b. Jerboa	c. Frog						
>	2 is a permanent	resource of energy.	•2 VALES IN THE TOTAL THE						
ا 🖁 ۽	a. Sun	b. Coal	c. Natural gas						
	S	long to arachnids except							
W	a. locust.	b. scorpion.	c. spider.						
50		es the energy into lig	5.7						
0	a. sound	b. electric	c. mechanical						
IP		listinguishing factor between .	c. perfume and vinegar.						
8	a. iron and gold. 6. The energy level N is sa	b. wood and plastic. turated by electrons.	o. periume and vinegar.						
A =	a. 8	b. 18	c. 32						
			هذا العمل حصري على موقع ذاكرولي التعلي						
Ü	https://www.zak	مي ويسمع بمساركته فسط وم يسمع بند. موقعنا الالكتروني من هنا rooly.com	للمزيد من أعمالنا الحصرية تفضل بزيارة						
1	كتاب المعاصد	COLOR OF THE STATE	الصف الأول الأعدادي						

N 3

www.zakrooly.com Science والمجسل المتواسي الكول

- B Give reasons for :
 - 1. A piece of wood floats on the water surface, while an iron nail sinks in water.
 - 2. Some plants as drosera and dieonea pounce insects.
 - The atom is electrically neutral.
- Calculate the potential energy of an object its mass is 2 kg. at a height 3 m. knowing that the gravity acceleration is 10 m/s².

Quesition

- Write the scientific term:
 - 1. The work done during the motion of the objects.
 - 2. The insect which looks like the branches of the plant.
 - 3. The smallest part of matter that can exist freely having the properties of matter.
 - 4. The basic classification unit for living organisms.
- **B** Mention the use of :
 - The copper-gold alloy.
 - 2. The sharp and crooked beaks in hawks.
 - 3. The simple electric cell.
- Draw the electronic configuration of the following atoms:
 - 1. 35Cl

2. 27Ne

- Correct the underlined words:
 - 1. The molecules of inert gases consist of two atoms.
 - Friction turns the mechanical energy into magnetic energy.
 - Iron and copper are bad conductors of heat.
 - 4. The rat belongs to the lagomorphs.
 - The kinetic energy decreases by increasing the mass and speed of objects.
 - 6. The chemical symbol of silver is Si.
- Mention an example for :
 - 1. A plant reproduces by formation of spores.
 - The liquid element consists of two atoms.
 - A teethless mammal.
 - A solution that is good conductor of electricity.



- Compare between:
 - 1. Insects and arachnids (according to the number of legs).
 - Solids and gases (according to the intermolecular spaces).

Cairo Governorate

Dr. Ahmed Zewail Distinguished Language School

Answer the following questions:

Question

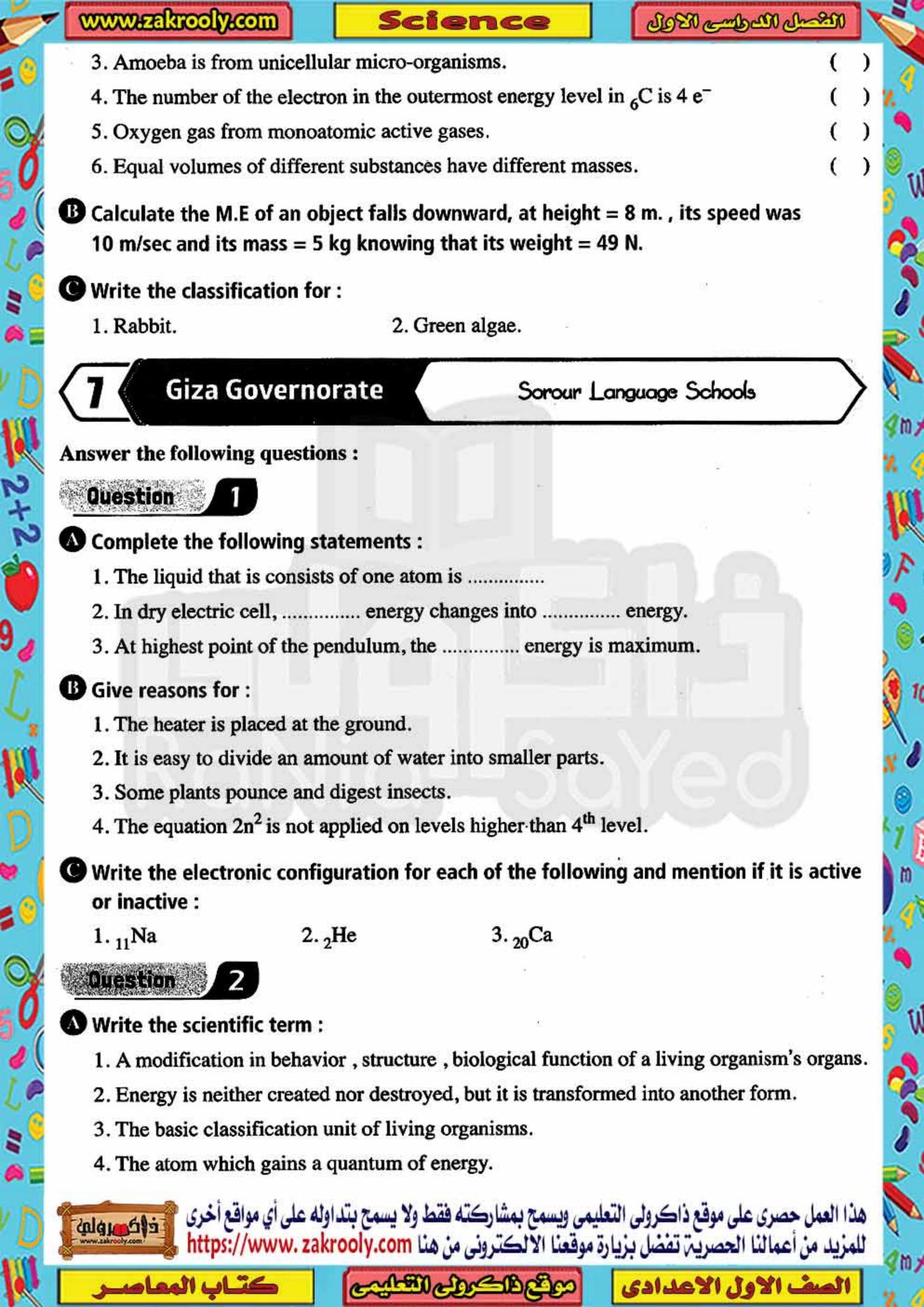
- Complete the following statements:
 - 1. is the positive charges that exists in the nucleus.
 - 2. The intermolecular spaces between iron molecules are
 - 3. is the way of transferring heat through space.
 - 4. is an animal from edentates.
 - 5. is the sum of protons and neutrons.
 - 6. is the sum of potential and kinetic energy.
- Calculate the mass of piece of sulpher, its volume 5 cm³, knowing that the density of sulpher 2.1 gm/cm³.
- Write the symbol of:
 - 1. Sodium.
- 2. Calcium.
- 3. Iron.
- 4. Fluorine.

Write the scientific term:

- 1. The temperature at which the substance begin to change from solid to liquid.
- 2. The monoatomic liquid.
- 3. The atom that gains a quantum of energy.
- 4. A device changes solar energy to electric energy.
- The basic classification unit of living organisms.
- 6. The plants which devour insects to get protein.
- B Give reasons for :
 - 1. The atom is electrically neutral.
 - 2. Neon is an inert gas.



الصف الاول الاعدادي



كتباب المعاصير

الصف الأول الأعدادي مركم الكالكرال الكالم

Giza Governorate

Abou Elnomrous Directorate

Answer the following questions:

Question

- Complete the following statements:
 - 1. In solar cell, energy changes into energy.
 - 2. The monoatomic liquid is, while is diatomic liquid.
 - 3. Heat transfers through solids by, while through liquids by
 - 4. The front limbs of whale are modified into to helps it to
- B Give an example for :
 - 1. Very active metal.
 - Dicotyledon plant.
 - 3. A device changes electric energy to heat energy.
 - 4. A solid substance which is soft at room temperature.
- O An object whose mass is 2 kg. moving at a speed 5 m/sec. Calculate its kinetic energy.

Question

- Write the scientific term:
 - 1. The basic classification unit of the living organisms.
 - 2. The sum of potential energy and kinetic energy.
 - 3. The spaces between molecules.
 - 4. The smallest building unit of matter which can exist freely.
 - 5. Energy is neither created nor destroyed but it is converted from one from to another.
 - 6. The ability of some living organisms to hide from their enemies.
- Write the electronic configuration and calculate the number of neutrons of:
 - 1. 35Cl

- 2. 20Ne
- 3. ¹⁶O
- Mention one difference between:
 - The electron and the proton.
 - Insects and arachnids.





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- 1. From animals with internal support
- a. octopus.
 - b. fish.

- c. snail.
- d. jellyfish.

- 2. Silver is symbolized by
 - a. Hg

b. S

c. Si

d. Ag

- 3. Chemical energy can stored in
 - a. car battery.

b. stretched spring.

c. raising a load upwards.

- d. car lamps.
- 4. is an example for plants that reproduce by spores.
 - a. Pine
- b. Bean

- c. Vougheir
- d. Wheat

- 5. is a permanent source of energy.
 - a. Petrol
- b. The Sun
- c. Coal
- d. Battery
- 6. The third energy level is saturated by electrons.
 - a. 2

b. 10

- c. 18
- d. 8

B Give reasons for :

- 1. The freezer is found at the top of the fridge.
- 2. The shallow water birds have long and thin beaks.
- 3. It is easy to divide an amount of water to smaller parts.
- What is meant by ...?
 - 1. Mass number.

2. Hibernation.

Correct the underlined words:

- 1. The molecule of a compound consist of similar atoms.
- 2. Insectivorous plants absorb nitrogen to form fats.
- 3. Frication produces light energy.
- 4. Kinetic energy stored in the object due to work done on it.
- In the simple electric cell the positive pole is made of zinc.
- 6. Liquids have a fixed shape.

Mention one use or function for the following:

- Nickel-chrome alloy.
- Simple electric cell.



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	www.zakrooly.com	Scie	ence		التحسل الكولسي الكولل	V		
	3. Heat transfers by	through ma	terial media and	l non-	-material media.			
1	4. In photosynthesis proce	ess, en	ergy is changed	into	energy.	y		
Į.	Electrons revolve around	nd the	in orbits known	as		0		
	(B) What happens when ?							
(1. A compass is put near to a wire of simple electric cell.							
	2. Increasing the speed of moving object to double and why?							
8	Ouestion 2							
	Write the scientific term	for each of the	following sent	ence	s:			
	1. The sum of potential ar	nd kinetic energi	es.					
	2. The number of positive	protons in the r	ucleus.			•		
1	3. Temperature at which s			- 3		4		
	4. The simplest pure form	of matter which	n can't be analyz	zed to	simpler.	7		
	f B What is meant by each	?				1		
)	1. Hibernation.		2. Law of c	conse	rvation of energy.			
1	Compare between each	of the following):			3		
					lements and number of atom	s).		
	2. Solid and gas (according	ig to intermoleci	ilar spaces and	force	s).			
	Question 3					3		
	Give reasons for each of	the following:				3		
1	1. The atom is electrically					,		
	2. The shallow water bird			lea in				
	 Wood floats on water s Some plants are insecti 		nece of fron sin	KS III	и.	4		
1	5. Electric wires are made	- 1 : 1 : : : : : : : : : : : : : : : : :		3				
	B If the work done to move		of 5 metres ea	ual 2	0 ioules. Calculate the force	ce.		
	Write the chemical symb				,	7		
1	1975 P. 1975	2. Gold.	3. Coppe	er.	4. Zinc.			
	Ouestion 4		**************************************					
	10.00mm	ralationshin the	t binde betwee	.n ^^	ch of the following :			
	Write the mathematical 1. The weight of an object		it billus betwee	en ea	ciroi de following .			
	2. The number of electron		certain energy le	evel.				
	3. Density, mass and volu	me of a substan	ce.					
	ه على أي مواقع أخرى معلى أي مواقع أخرى https://www. za	، فقط ولا يسمح بتداول من هنا krooly.com	مى ويسمح بمشاركته موقعنا الالكتروني ا	التعلي بزيارة ا	ذا العمل حصرى على موقع ذاكرولو مزيد من أعمالنا الحصرية تفضل	a LL		

كتاب المعاصر

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•	Write the electronic co number of protons and	1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -		[
	1. 40 Ca	2.	²⁰ Ne	3. 35Cl	4. 4He				
(Give one example for :		.*		The second secon				
	1. Liquid diatomic element. 2. Soft body organism.								
<	Alexandria Governorate Al-Safwa Integrated School								
A	Answer the following que	stion	s:						
8	Question 61		*						
(Complete the following	g sta	tements :						
	1 alloy is use heating coils.	d in	naking jev	vels, while	. alloy is used in making				
	2. The monoatomic liqu	id is		, while the diatomic	liquid is				
)	3. The electric lamp cha	inges		energy into	energy.				
	4. From teethless mamn	nals	are	and					
	5. Heat is transferred in	solic	ls by	, while in liquid	ls by				
(B Give one example :								
	1. A very active metal.			2. Noble gas	i.				
	3. Animal with soft bod	y.		4. Arachnida	3.				
10000	Question 2								
	Write the scientific term	m:							
	1. The temperature at w				· ·				
	2. The simplest pure for				ed.				
	3. The ability to do wor								
	4. The basic classification		,		anosec esta • te te t				
1	5. The ability of some li								
١.		ated	ior destroy	ed but it is converu	ed from one form to another.				
	B Give reasons for :								
	1. Atom is electrically n			2. Heater	is placed on the ground.				
	Correct the underlined	wor	ds:						
	1. Measuring unit of en	ergy	is <u>newton</u> .						
	2. In solar heater, the so	lar e	nergy is co	nverted into kinetic	energy.				
á	أي مداقع أخرى المداد	le dia	هلا بسمح بتد	م وسمح بمشاركته فقط	بذا العمل حصري على ممقع ذاك ملى التعلي				

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Science

التحسل الكولسي الكولل

- 2. The simple electric cell consists of a sugary solutions dipped in it two different metals.
- 3. Vougheir is the fern plant that reproduces by formation of seeds.
- 4. Heat is transferred from the Sun to the Earth by convection.
- 5. Banana tree carries small-sized leaves.

B Cross out the unsuitable word:

- Locust Mosquito Cockroach Spider.
- 2. Beans Pea Pine Corn.
- Petroleum wood Cork Iron.

لا تئس الاشئراك في قنــوات نـَاكــرولي على نطييق الثليجرام

Give reasons for :

- 1. The intercourse (mate) between dog and cat impossible.
- 2. The motion of the children's swing is like that of the pendulum.
- 3. The atom is electrically neutral.

Question

Choose the correct answer:

- 1. An object of mass 2 kg. is moving at a speed of 4 m/s. has a kinetic energy joules.
 - a. 16

b. 64

- c. 32
- 2. In solar heater, solar energy is converted into energy.
 - a. light

- b. electric
- c. heat
- is from the rodents that undergo aestivation.
 - a. Rat

- b. Jerboa
- c. Desert snail
- 4. The colour property is a distinguishing factor between
 - a. Flour-sugar.
- b. silver-gold.
- c. oxygen-helium.
- 5. The third energy level is saturated by electrons.
 - a. 2

b. 18

- c. 8
- 6. A substance is solid and can't be soften by heating
 - a. copper.
- b. sulphur.
- c. aluminum.

Write the electronic configuration :

1. 23Na

2. 20 Ne

Then determine each of the following:

1. Atomic number.

Mass number.

Number of electrons.

4. Number of Neutrons.

Number of energy levels.

Chemical activity.



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كتباب المعامب

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The networks of wireless transmitters of cellular phones cause pollution but car exhaust causes pollution.



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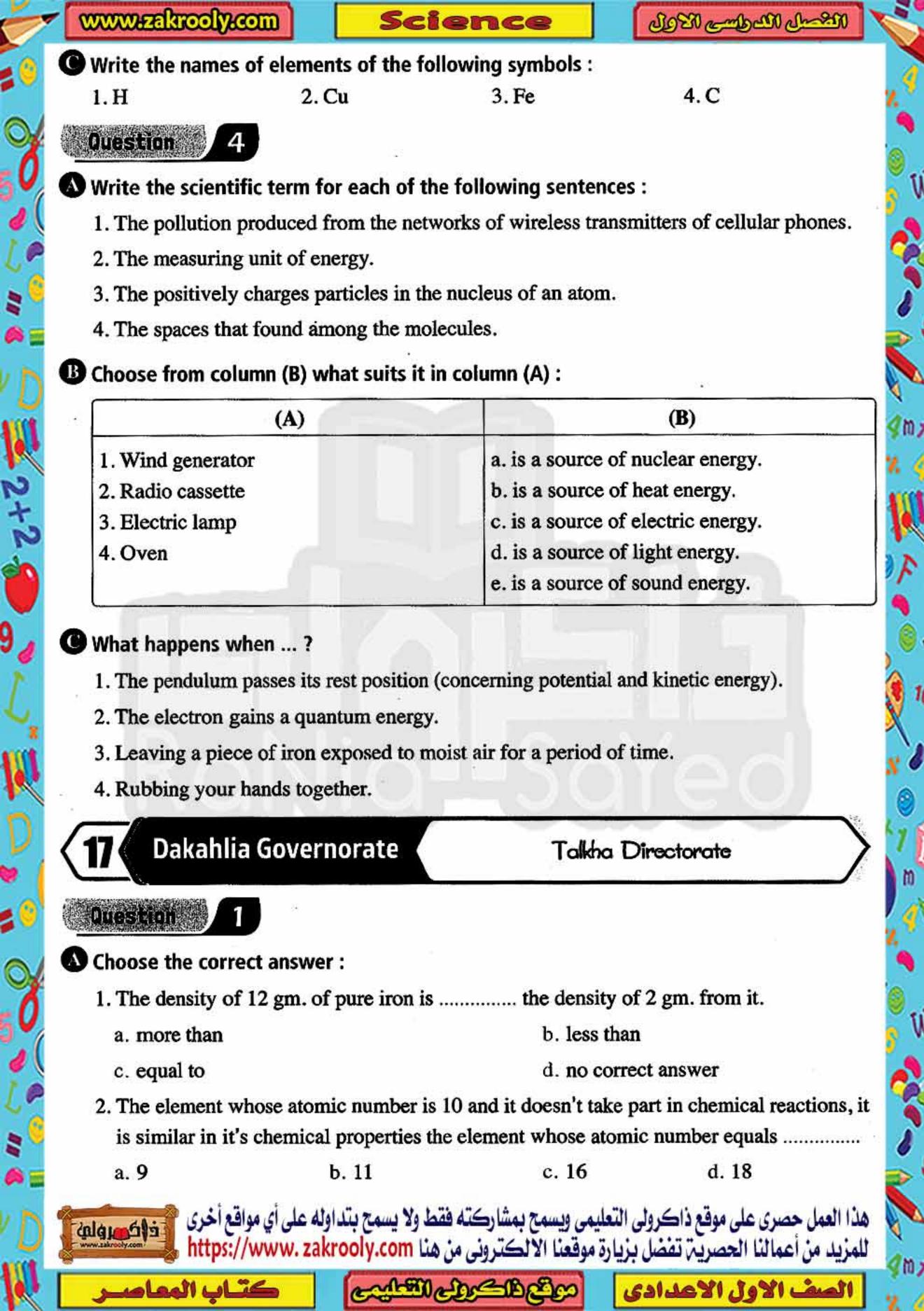
الصف الأول الأعدادي

كتباب المعاص

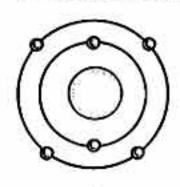


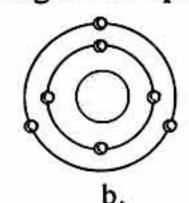


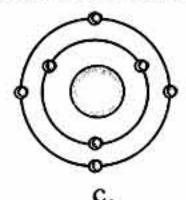
	www.zakrooly.com	Science	والمجسل المتحملات المعرفان	ľ				
9	® Mention the difference between	ween each of the following :						
	1. Insects and arachnids.	2. Act	ive metals and inactive metals.					
X	Give reasons for :							
50	1. Car engine is important to	the car. 2. The	heater is placed on the ground	l.				
	Question 2							
6	Put (✓) or (x) and correct to the second correc	the wrong ones :						
6	1. Argon atom (40 Ar) has for	ur energy levels.	()				
IN	2. The melting point of wax i	is equal to the melting point o	f table salt. ()				
U	3. The kinetic energy of a sta	tic object equals zero.	()				
	4. In the electric cell, the elec	ctric energy is converted into	chemical energy. ()				
2+	The state of the s	absorb the nitrogenous substa	0 <u>2</u> 15					
+2	needed to make fat.)				
4	6. The energy level "K" has t)				
	Write the electronic configu		ns:					
9,		⁵⁵ Cl						
1	What is meant by ?							
C.	1. Micro-organisms. 2. A	Adaptation. 3. Transfe	r of heat by radiation.					
101	Ouestion 3							
	Complete the following state	tements :						
Ψ,	1. The density is the	of unit volume of a substance	e and its measuring unit					
	is	S ANDRES - ANDRES ON STATE OF THE STATE OF T						
	2. An alloy of is use making coils.	ed in making jewels, while an	alloy of is used in					
0/	3. The smallest part of the ele	ement that can take part in a c	hemical reaction is known					
50	as	<u> </u>						
(4. The symbol of sodium atom	m is, while that of s	ulphur atom is					
LP	5 is the basic unit of	of classification in living orga	nisms.					
1	A ball was lunched upwards	and vertically at a speed 3 m	/s. up to a height 4m.					
6 =	Calculate the mechanical ene	rgy of the ball if its weight is !	5 newton and has a mass 0.5 Kg	j.				
D	https://www.zakro	موقعنا الألكتروني من هنا ooly.com	ذا العمل حصرى على موقع ذاكرولى التعلي مزيد من أعمالنا الحصرية تفضل بزيارة	U				
W	كتاب المعامب	mand man	الصف الأول الأعدادي	1				

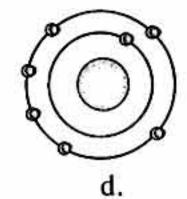


3. Which of the following atoms represents an excited atom ...?









- 4. Amoeba, euglena and paramecium differ from each other in the
 - a. number of teeth.

b. number of legs.

c. kind of support.

- d. way of movement.
- 5. insect exactly looks like the plant branches.
 - a. Stick

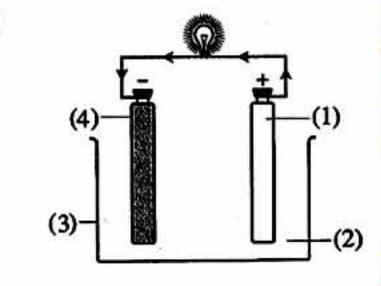
b. Beetle

- c. Leaf
- d. Locust
- Your classmate has seen a bird, he doesn't knows this bird's name but he managed to describe it as a bird with a sharp beak and the legs end in fingers with strong claws. According to your classmate story, answer the following questions:
 - 1. What is the type of adaptation in both the beak and leg of this bird?
 - 2. How many fingers are in each leg?
 - 3. What type of food does this bird feed on?

Question A

Put (
 ✓) or (
 ★) for each of the following:

- 1. The fuel inside the car is similar to the food inside the body of a living organism. ()
- 2. Heat is transferred in solid materials by radiation. ()
- 3. When air is cooled, density decreases, so it falls down.
- 4. No change in the potential energy when the object moves horizontally. ()
- 5. Gymnosperms are classified into monocotyledon and dicotyledon plants. (
- 6. Smell property is a distinguishing factor between perfume and ammonia. (
- (B) From the opposite figure answer the following questions:
 - 1. Mention the name of the opposite device.
 - 2. Label the fig.
 - 3. Mention the idea of its operation.



क्रिकार्यहरूका विविध्या

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Question

3

- Give reasons for each of the following:
 - Disappearance of a little amount of table salt when it is put in a beaker containing water for a period of time.
 - 2. The atom is electrically neutral.
 - 3. The kinetic energy will increase four times as the speed of the moving object is doubled.
 - 4. Car exhaust is considered from the negative effects of technological applications.
- Answer the following:
 - 1. The teacher advised the pupils to lie on the ground when the smoke emitted from any fire. What is your interpretation of the teacher's advise in the light of your understanding of the concept of transferring the heat by convection?
 - 2. The opposite figure represents a part of a plant.
 - a. What is the difference between this plant and bean plant?
 - b. What is the similarity between this plant and cycas plant?
 - c. Mention another example in the same classification of this plant.

Question

4

- Write the scientific term for each of the following sentences:
 - 1. The modification in the behavior of a living organism at specific times of the day or year.
 - The branch of biology that searches for the similarities and differences among living organisms.
 - 3. A group of animals that have one pair of incisors in each jaw.
 - 4. Energy is neither created nor destroyed, but it is converted from one form to another.
- B Write the symbol of the following elements:
 - 1. Potassium.
- 2. Aluminium.
- 3. Chlorine.
- 4. Nitrogen.
- A stone, whose mass is 5 kg. is thrown from a height of 8 m. find its potential energy and its kinetic energy:
 - 1. at the beginning of fall.
 - 2. After reaching at a height of 2 m.
 - 3. When the stone reaches the Earth.

(Knowing that the acceleration due to gravity = 10 m/sec^2 .).



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Port Said Governorate

Port Said Integrated Language Schools

Answer the following questions:

Question

Complete the following statements:

- 1. The front limbs of dolphins are modified into to take the role of
- 2. and are from micro-organisms.
- 3. Heat is transferred through liquids by, while through space by
- 4. The belongs to insects, whereas the belongs to arachnids.
- 5. An alloy of is used in making jewels, while an alloy of is used in making heating coils.
- 6. In the dynamo, energy changes into energy.
- Draw the electronic configuration for each of the following elements:
 - 1. 40Ar

2. 7Li

- 3. 24Mg

- Give reasons for each of the following:
 - Some plants pounce and predate insects.
 - You feel hot when you touch a hot metallic spoon.
 - 3. Atom is electically neutral.
 - 4. Inert gases can't share in chemical reactions.

Ouestion

Write the word(s) that represent(s) each of the following (scientific term):

- 1. The temperature at which matter starts to change from solid to liquid.
- Ability to do work or to make a change.
- 3. The branch of biology that searches for the similarities and differences among living organisms.
- 4. The sum of potential and kinetic energies.
- 5. The ability of some living organisms to be hidden from enemies or to capture the preys.
- D In an experiments to determine water density, the following results are recorded:
 - 1. Mass of an empty glass beaker = 56 g.
 - 2. Mass of the beaker containing water = 156 g.
 - 3. Volume of the water measured by a graduated cylinder = 100 cm³. Calculate the water density.



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Write the electronic configuration of following elements:

1.₁₇C

2. 13Al

3. 10Ne

Detect the inactive atom during chemical reactions (Give reason).

When a piece of iron its mass 156 gm. is put in a graduated cylinder containing 100 cm³ of water the reading becomes 120 cm³ Calculate the density of iron.



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Question

Write the scientific term for the following:

- 1. The number of negative electrons in the energy levels around the nucleus of the atom.
- 2. The limited amount of energy needed or loss to transfer an electron from an energy level to another.
- The ability of some living organisms to be hidden from their enemies.
- The process by which some animals hide in burrows to overcome low temperature.
- The temperature at which a matter begin to change from the liquid state to gaseous state.

التب ذاكرولي في البحث وانض لجروبات ذاكرولي هن رياض الاطفال للصف الثالث الاعدادي

It is a basic classification unit for living organism.

B Give one difference between each of the following:

- 1. Bean plant and maize plant.
- Neutron and proton.
- 3. Fish and snail.
- Intermolecular forces in solids and in gases.

Write the symbols of the following elements:

- 1. Calcium.
- 2. Silver.

3. Zinc.

4. Potassium.

Give reasons for :

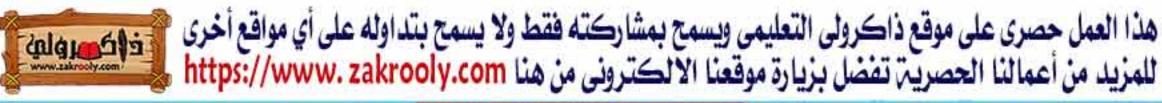
- 1. The atom is electrically neutral.
- Drosera plant pounces insects.
- 3. It is easy to divide an amount of water into small droplets.
- 4. Some birds have long thin beaks and long thin legs.

What is meant by ...?

- 1. Adaptation.
- 2. The excited atom.

What happens when ...?

- 1. The front teeth of hedgehog are not extending outwards.
- Doubling the height of an object (concerning its potential energy).
- 3. Using water to extinguish petrol fires.





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	4. Holders of light bulbs in streets are painted from time to time in order to protect it from								
	5. The hydrogen molecule is consisted of atoms, while the argon molecule (inert gas) is consisted of atom.								
	6. If the speed of an object motion increases into the double, its kinetic energy increases into								
	7. The cockroach belongs to, whereas the scorpion belongs to								
Œ	Define :								
	1. Atom. 2.	Spo	ecies.						
	Question 2								
4	Correct the underlined w	ord	s in the follo	wing statements	:				
	1. Electric energy = Poter	ntia	energy + K	inetic energy.					
	2. Wind is a permanent so	ourc	e of energy.						
	3. Ammonia consists of o	ne (xygen atom	and two hydroger	n ato	m.			
	4. Lagomorphs have one	pair	of incisors	in each jaw.					
	 Mass number is known as the number of protons existed in an atom nucleus of an element. 								
	6. An atom third level is saturated with 8 electrons.								
Show one difference between each of the following :									
	1. The element and compound.								
	2. Beans and wheat.					Y A			
Œ	Write the symbols of the	foll	owing elem	ents :					
	1. Potassium. 2. C	Golo	i.	3. Magnesium.		4. Aluminium.			
	Duestion 3								
4	Write the scientific term	for	each of the t	following statem	ents	•			
	1. A modification in a living	ng c	organism or i	ts body structure o	or ev	en the biological function			
	of its organs to become more adapted to the environmental conditions where it lives in.								
	2. The temperature at which matter changes from a solid phase into a liquid one.								
	3. Energy is neither created nor destroyed but can be transformed into another form.								
	4. A form of energy which transfers from higher temperature to a lower one.								

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6. The simplest pure form of a matter which can't be analyzed simpler.

5. The ability to do work.

21 El-Minia Governorate

New Minia Governmental Language School

Answer the following questions:

Ouestion 1

Choose the correct answer		Choose	the	correct	answer
---------------------------	--	--------	-----	---------	--------

- 1. belongs to the animals with no body support.
 - a. Octopus
- b. Mussel
- c. Hedgehog
- d. Snake
- 2. Dynamo converts mechanical energy into energy.
 - a. electrical
- b. nuclear
- c. solar
- d. chemical
- 3. An object of mass 2 kg is moving at speed of 4 m/s. has kinetic energy of J.
 - a. 16

b. 64

- c. 32
- d. 4

- 4. is a permanent source of energy.
 - a. Wind

b. Coal

- c. The Sun
- d. Water

B Write the chemical symbol of:

1. Iron.

2. Silver.

- 3. Sodium.
- 4. Calcium.

Give reasons for :

- 1. The atom is electrically neutral in its ordinary state.
- 2. The heater is placed on the ground.
- 3. Camel limbs end in a thick flat pad.

Question:

2

Complete the following statements:

- 1. Heat is transferred through milk by
- 2, and are from plants that reproduce by spores.
- 3. Attraction force among the molecules of mercury is
- 4. The front limbs of whale are modified into for
- 5. One of the harmful effects of mobile networks is pollution.

B Give one difference between each of the following:

- 1. Bean plant and maize plant.
- 2. Ammonia molecule and nitrogen molecule.



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An object of density 0.5 gm/cm³ and volume 10 cm³. Find its mass ? And if you know the density of water is 1 gm/cm³. Does this object sink in water ? And why ?

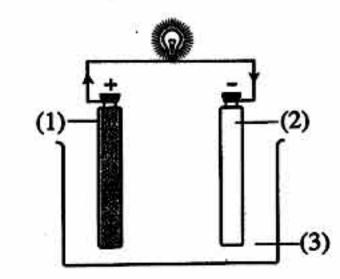
Question

- Write the scientific term :
 - 1. The heat state of an object on which the transfer of heat from or to the object depends.
 - 2. The temperature at which the matter begins to change from the solid state to the liquid state.
 - Energy is neither created nor destroyed but it can be transformed into another form.
 - The ability of some body organs and tissues to do a certain function.
- What happens when ...?
 - 1. The beaks of ducks are narrow and not indented.
 - 2. The electron gains a quantum of energy.
 - Using of water in putting out petrol fires.
 - 4. The height of an object is doubled (according to potential energy).
- Mention one example of each of the following:
 - 1. An insectivorous plant.
- 2. Camouflage.

Question

- Choose the odd word out then mention the relation between the rest:
 - $1._{7}N _{10}Ne _{9}F _{11}Na$.
 - Mosquito Spider Cockroach Ant.
 - Iron Copper Aluminium Wood
 - Amoeba Euglena Clover Paramecium.
- Write the electronic configuration of the following atoms:
 - 1. 23Na

- 2. 40 Ca
- Look at the opposite figure, then answer:
 - Mention the name of the opposite.
 - 2. Label the figure.
 - 3. This device changes energy into energy.



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Assiut Governorate

Assiut Directorate

Answer the following questions:

Question

1

O Complete the following statements:

- 1. The density is the of unit volume of a substance and its measuring unit is
- Hydrogen molecule is composed of atoms, while argon molecule is composed of atom.
- 3...... is from the plants that reproduce by formation of spores, while is from the plants that reproduce by formation of seeds inside cones.
- 4. Mechanical energy = +
- 5. The whale's front limbs are modified into to take the role of

® What is meant by ...?

- 1. Boiling point.
- 2. The potential energy of an object = 20 joules.

Write the symbols of the following elements:

- 1. Sodium.
- 2. Aluminium.

Question

2

Give reasons for :

- 1. A piece of ice changes into water after a period of time when it is left in air.
- 2. Some plants pounce and digest insects.
- 3. The freezer is found at the top of the fridge.
- 4. The atom is electrically neutral.

B Write the electronic configuration of the following elements, then:

- 1. 7Li
- 2. ²⁴₁₂Mg
- Find the number of electrons in the outermost energy leve! in each atom.
- Calculate the number of neutrons in each atom.
- What is the mass of a body, whose kinetic energy is 64 joules and its speed is 4 m/sec?



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_					
6	Choose	the	correct	answer	:

a. iron and copper.

b. wood and plastic.

c. iron and wood.

d. no correct answer.

- 2. An object of 20 N. weight and it is placed at a height of 5 m., so its potential energy is joules.
 - a. 50

b. 150

c. 100

d. 200

- 3. If you sit down beside an electric heater, heat is transferred to you by
 - a. convection.

b. radiation.

c. conduction.

d. convection & radiation.

- 4. Scorpion belongs to
 - a. insects.
- b. arachnids.
- c. myriapods.

d. mammals.

- 5. The sum of the number of protons and neutrons in the nucleus of the atom is known as
 - a. atomic number.
- b. valency.
- c. mass number.

d. density.

- B Give an example of each of the following:
 - 1. Hibernation in amphibia.
 - Camouflage in insects.
- Mention the difference between each of the following:
 - Rabbit & squirrel.

2. Bean & wheat.

Question

Write the scientific term:

- 1. A group of animals that have three pairs of jointed legs.
- 2. A form of energy which is transferred from the object of higher temperature to that of lower temperature.
- 3. A set similar animals in their shape and can get intermated together to produce fertile individuals.
- 4. The fundamental building unit of matter that can take part in the chemical reaction.
- Write the odd out and write the scientific term of others :
 - 1. Wheat Pea Corn Bean Pine.
 - Lion Tiger Dog Wolf Armadillo.
- State the energy transformation in each of the following:
 - 1. Dynamo.
- 2. Electric lamp.
- 3. Motor.
- Electric bell.



هذا العمل حصري على موقع ذاكرولي التعليمي ويسمح بمشاركته فقط ولا يسمح بتداوله على أي مواقع أخرى للمزيد من أعمالنا الحصرية تفضل بزيارة موقعنا الألكتروني من هنا https://www.zakrooly.com

1. Sodium. 2. Calcium.

- 3. Potassium.
- Give an example for:
 - 1. Camouflage in insects. 2. Aestivation in rodents.
 - A device changes kinetic energy into electric energy.
 - 4. A permanent source of energy.

Question

- Write the scientific term:
 - 1. Energy gained or lost to transfer an electron from one energy level to another.
 - 2. Energy is neither created nor destroyed but it can be transformed into another form.
 - The basic unit of classification in living organisms.
 - Number of positive protons in nucleus of the atom.
 - Energy stored in the object due to the work done on the object.
 - Plants can't be distinguished into roots, stems and leaves.
- B Give reasons for :
 - 1. The heater is put at the bottom of the room.
 - Workmen melt the solid metals.
 - 3. Atom is electrically neutral.
 - Some animals hibernate in winter.



الصف الأول الأعدادي

الصف الأول الأعدادي والكاظكول التعليم

كتاب المعامب

الصف الأول الأعدادي مركم الكراج الكراجي

كتاب المعامب

الصف الأول الأعدادي صح الكول التعليم

